

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2004/051099

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04L12/56 H04L29/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H04L H04R H04Q H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 580 916 B1 (CLAYTON MARK ET AL) 17 June 2003 (2003-06-17) column 5, line 18 - line 38 column 7, line 51 - column 8, line 25 column 9, line 66 - column 10, line 19 column 10, line 59 - column 11, line 37 column 13, line 8 - line 35 column 14, line 7 - line 39 column 15, line 11 - line 37 column 16, line 16 - column 18, line 64 column 20, line 20 - line 48 column 21, line 16 - column 22, line 60	1-9
Y	US 2002/160805 A1 (HEINONEN TOMI ET AL) 31 October 2002 (2002-10-31) paragraph '0027! abstract	1-9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \* & \* document member of the same patent family

Date of the actual completion of the international search

15 October 2004

Date of mailing of the international search report

22/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Bösch, M

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051099

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 01/82532 A (ARAN COMM LTD ; MCGEEVER JOHN (IE); DANILOV STAN (IE); MCDONAGH BRENDA) 1 November 2001 (2001-11-01) page 6, line 13 - page 7, line 10 page 11, line 10 - line 19 page 12, line 8 - line 14 page 13, line 18 - line 30 page 14, line 18 - page 17, line 29 page 19, line 5 - line 19 page 23, line 20 - page 24, line 27	1-9
A	US 2002/155843 A1 (BAHL PARAMVIR ET AL) 24 October 2002 (2002-10-24) paragraph '0008! - paragraph '0014! paragraph '0041! - paragraph '0047! abstract	1-9
E	EP 1 458 206 A (HEWLETT PACKARD DEVELOPMENT CO) 15 September 2004 (2004-09-15) paragraphs '0035!, '0038!, '0039! paragraphs '0041!, '0043!, '0045! paragraphs '0046!, '0048!, '0049! paragraph '0053! - paragraph '0058! paragraphs '0061!, '0065!, '0066! paragraph '0073! - paragraph '0076! paragraphs '0079!, '0081!	1-9

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051099

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6580916	B1	17-06-2003	NONE	
US 2002160805	A1	31-10-2002	EP 1364497 A2 WO 02069585 A2	26-11-2003 06-09-2002
WO 0182532	A	01-11-2001	AU 5059701 A WO 0182532 A1 IE 20010414 A1 IE 20030345 A1 US 2003045275 A1	07-11-2001 01-11-2001 14-11-2001 12-11-2003 06-03-2003
US 2002155843	A1	24-10-2002	NONE	
EP 1458206	A	15-09-2004	US 2004176118 A1 EP 1458206 A2	09-09-2004 15-09-2004

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2004/051099

### Box No. IV Text of the abstract (Continuation of item 5 of the first sheet)

The invention relates to a distributed electronic system having at least one device G1 able to be perceived (2) and at least one device G2 capable of perception (3), which latter has an acoustic output. To enable devices of a type being looked for by a user to be more easily perceived, G1 (2) and G2 (3) co-operate with one another by automatic intercommunication in such a way that the user learns at any time by means of audible signals which types of device are located in the area surrounding him.

In an embodiment, G2 comprises a perception profile storing desired devicetypes for comparison in a Bluetooth service discovery process. G2 can be part of a headphone or hearing aid, and the audio sequences can be edited by an application linked to G2 via the ad-hoc interface.